

FIG. 2

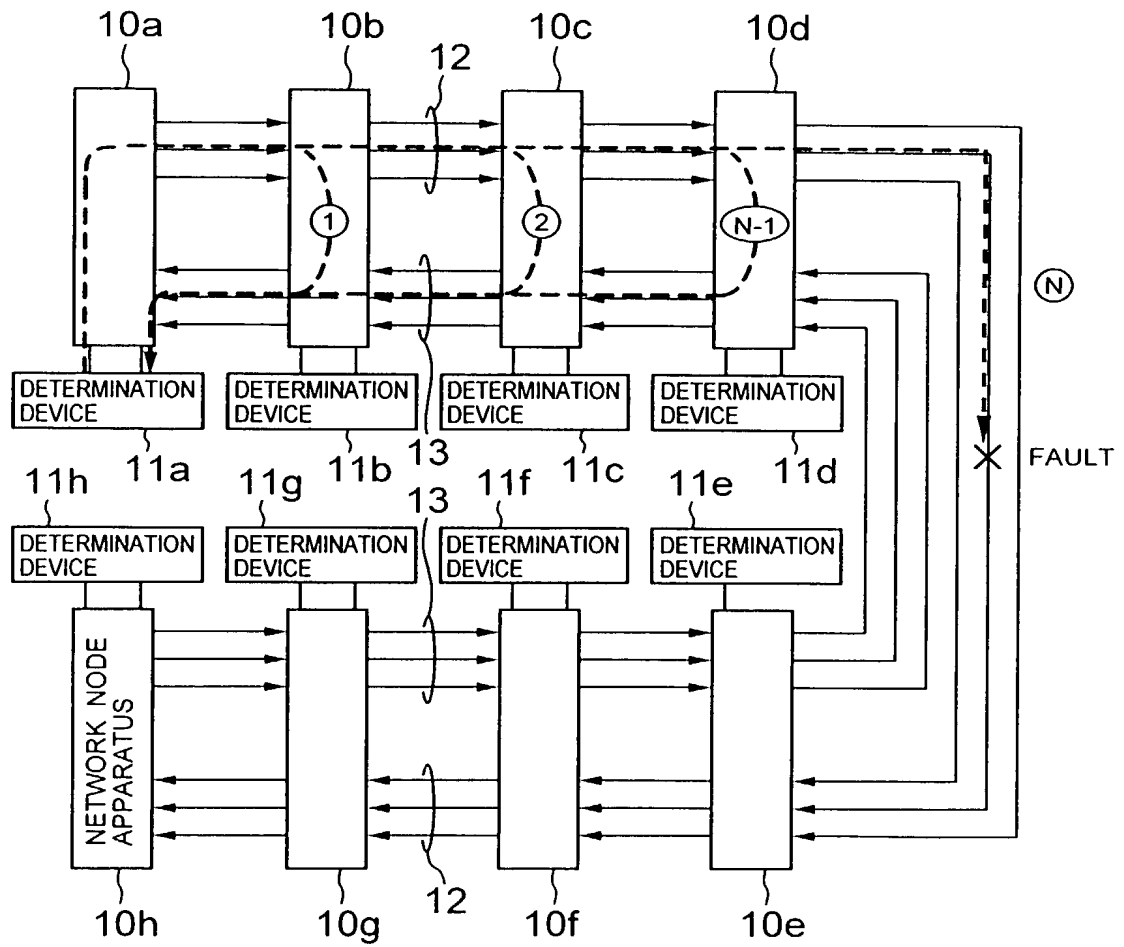


FIG. 3A

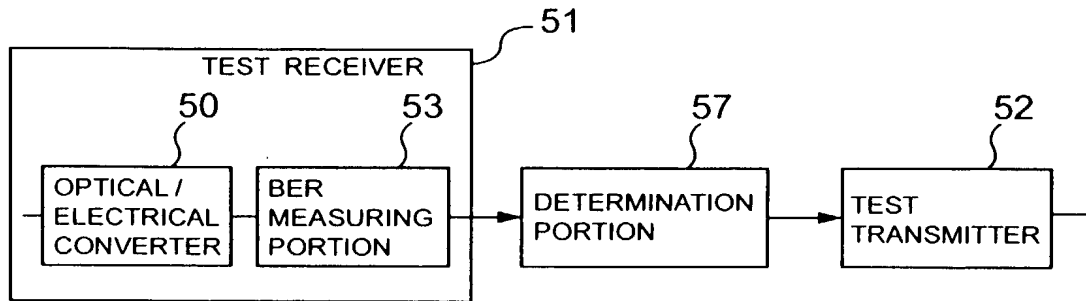


FIG. 3B

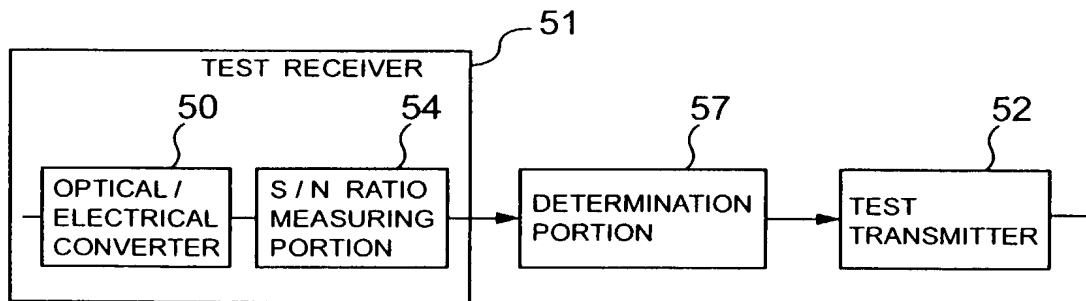


FIG. 3C

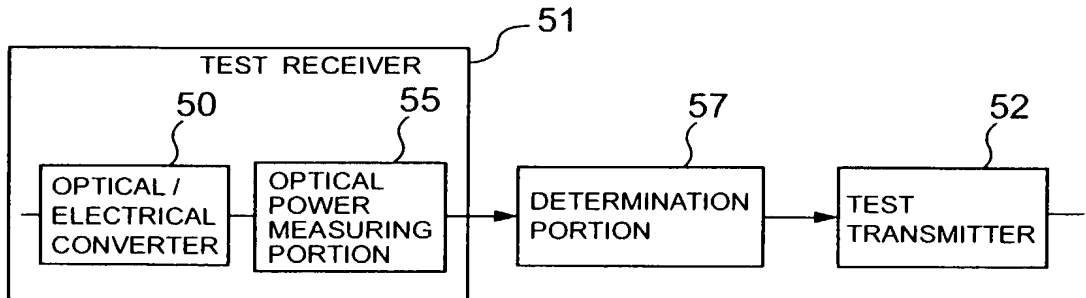
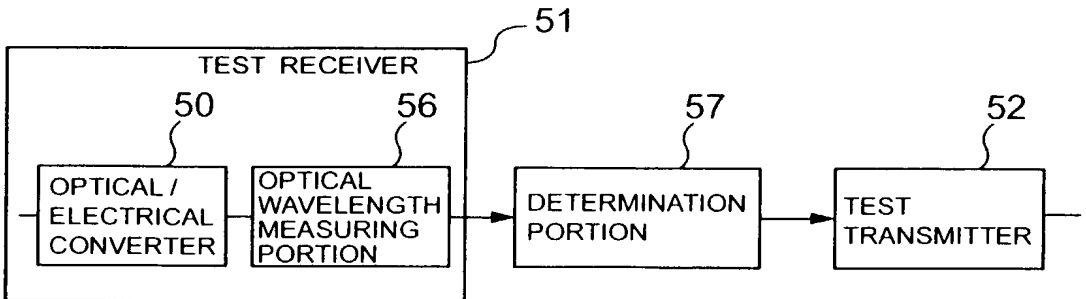


FIG. 3D



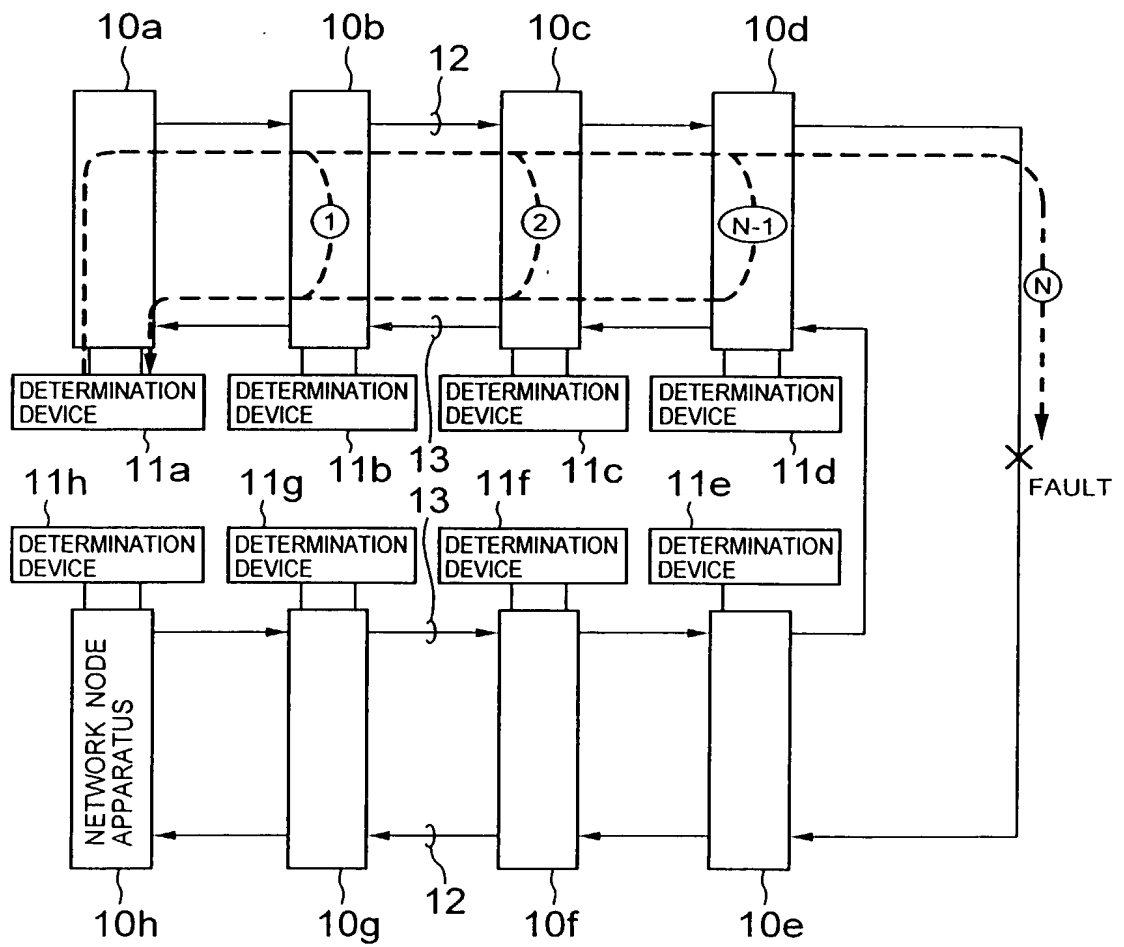


FIG. 5

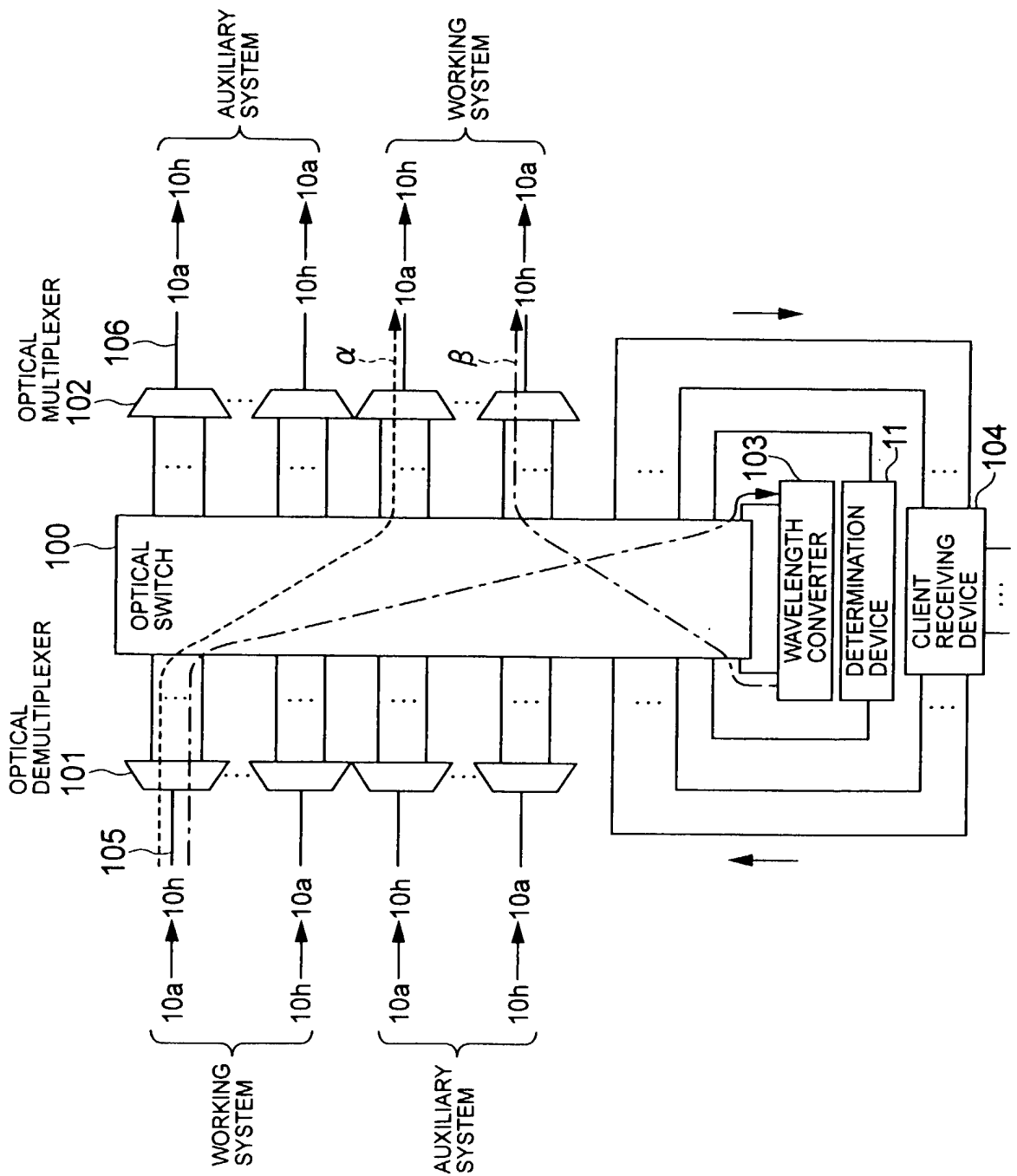
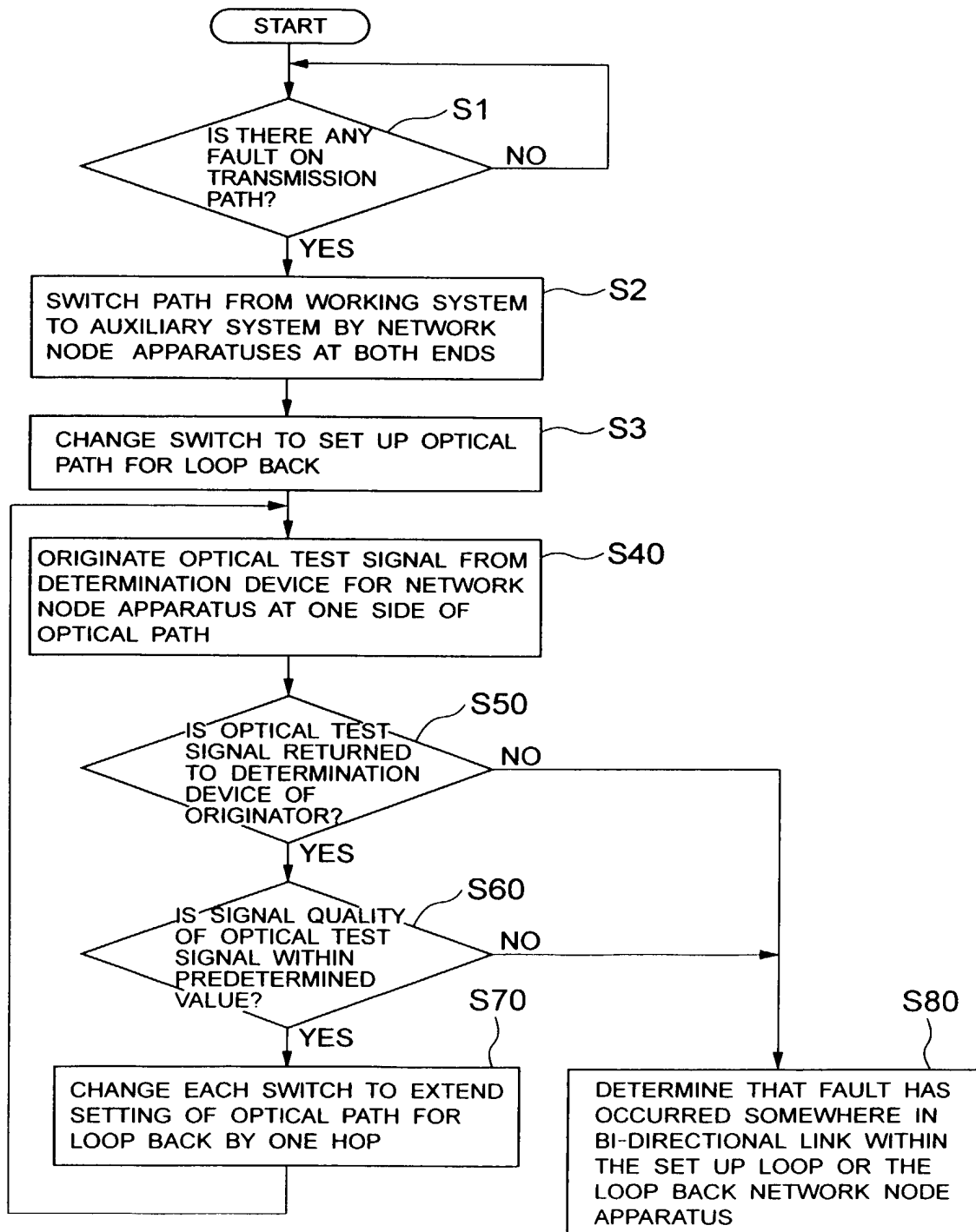


FIG.6



7/24

FIG. 7

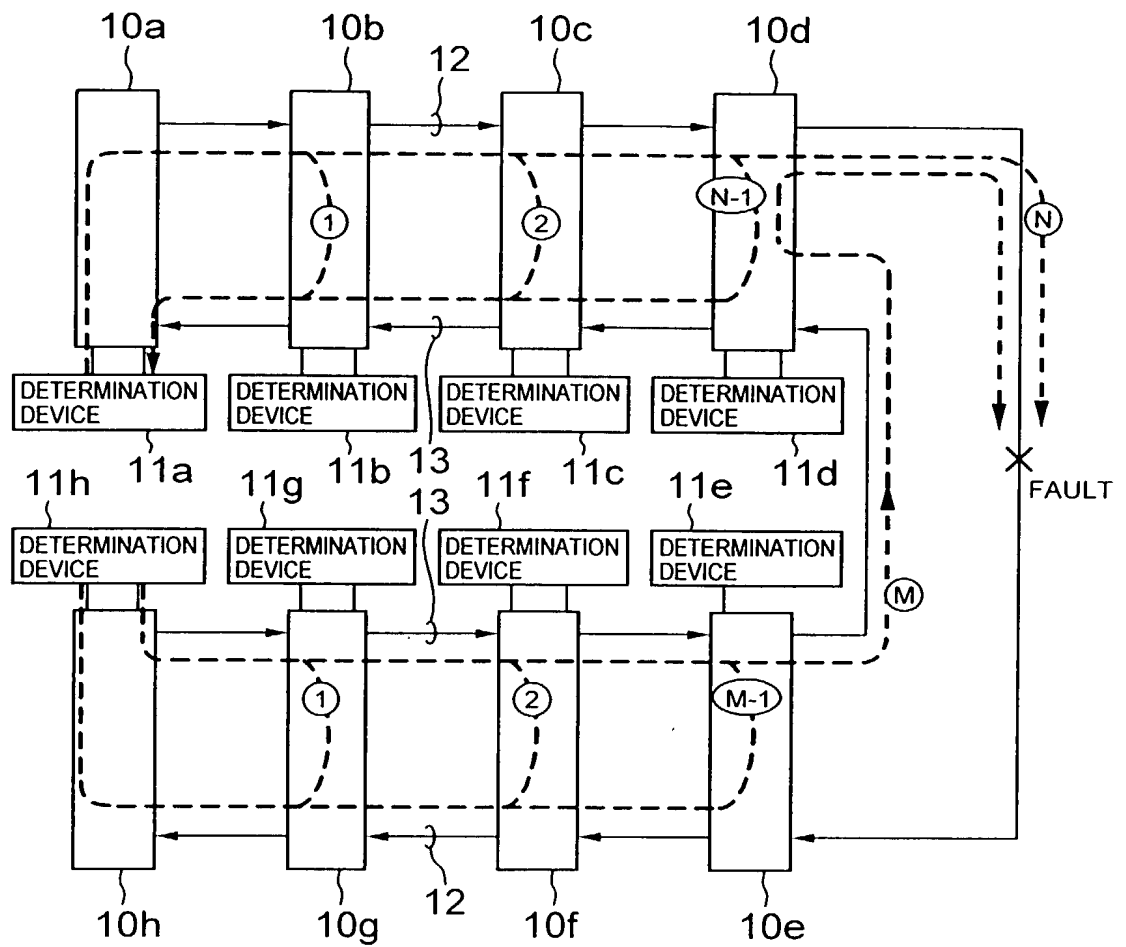


FIG. 8

TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	FAULT LOCATION
N TIMES	M TIMES	LINK BETWEEN 10D AND 10E
N TIMES	M-1 TIMES	NETWORK NODE APPARATUS 10E
N-1 TIMES	M TIMES	NETWORK NODE APPARATUS 10D



9/24

FIG.9

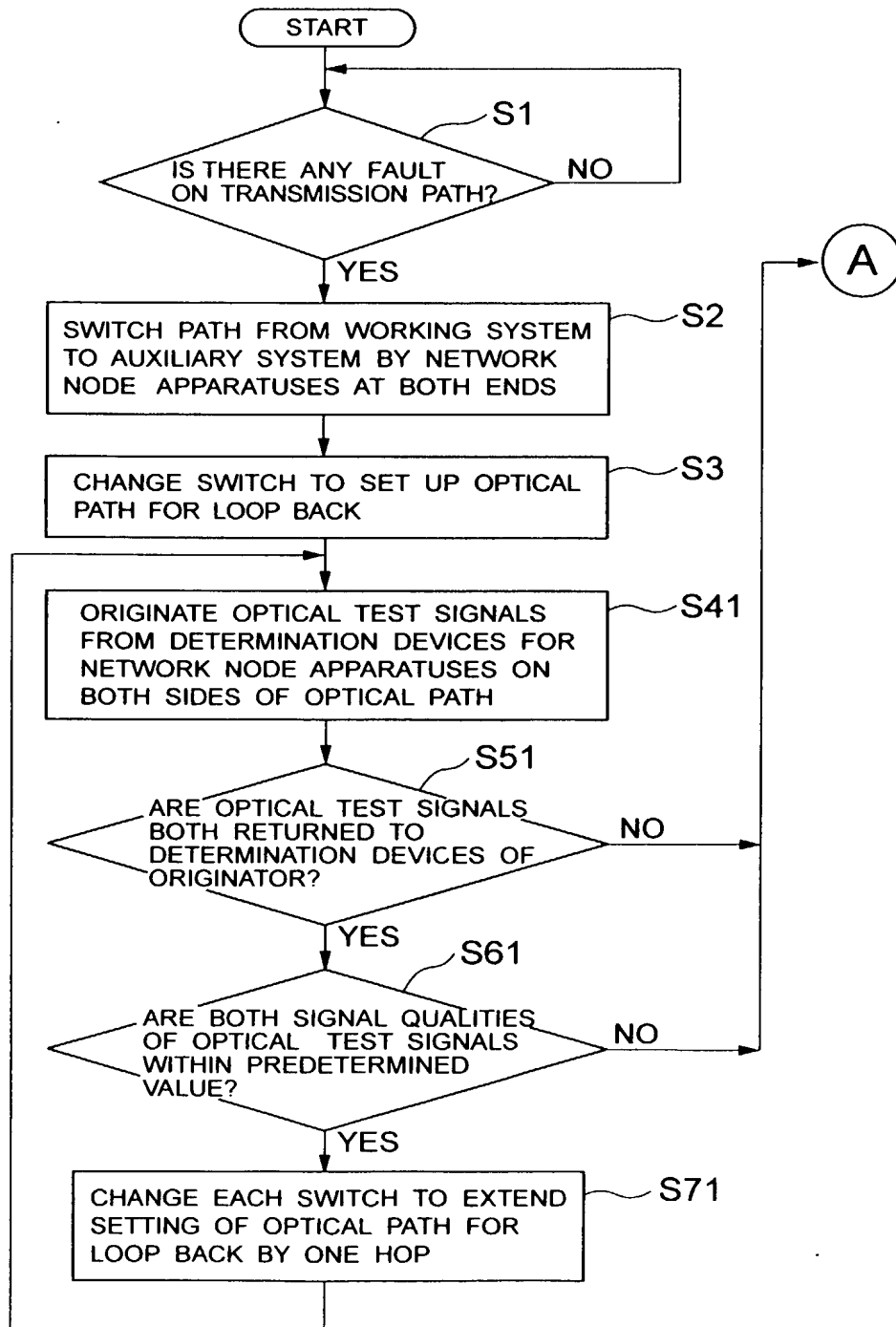


FIG.10

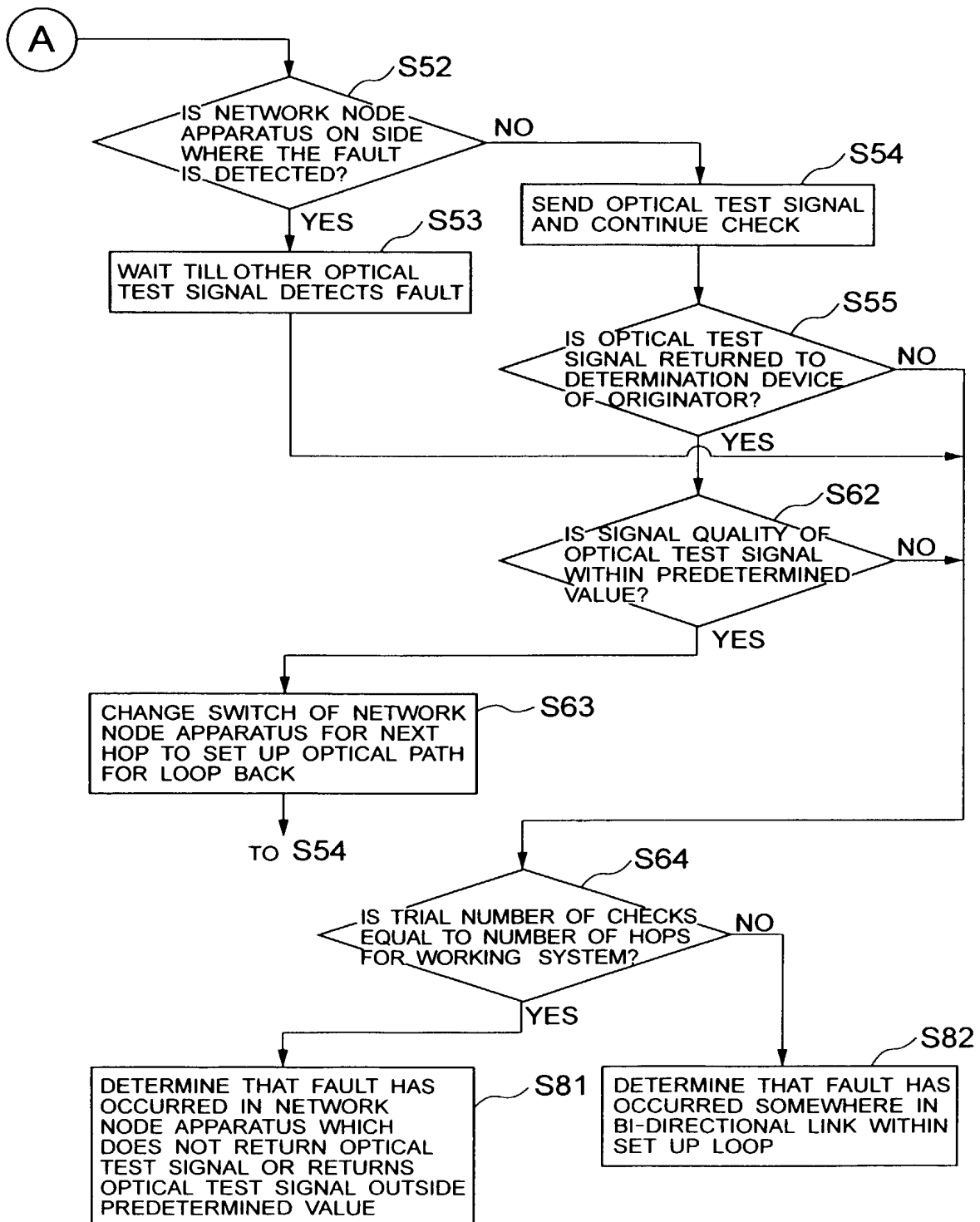


FIG. 11

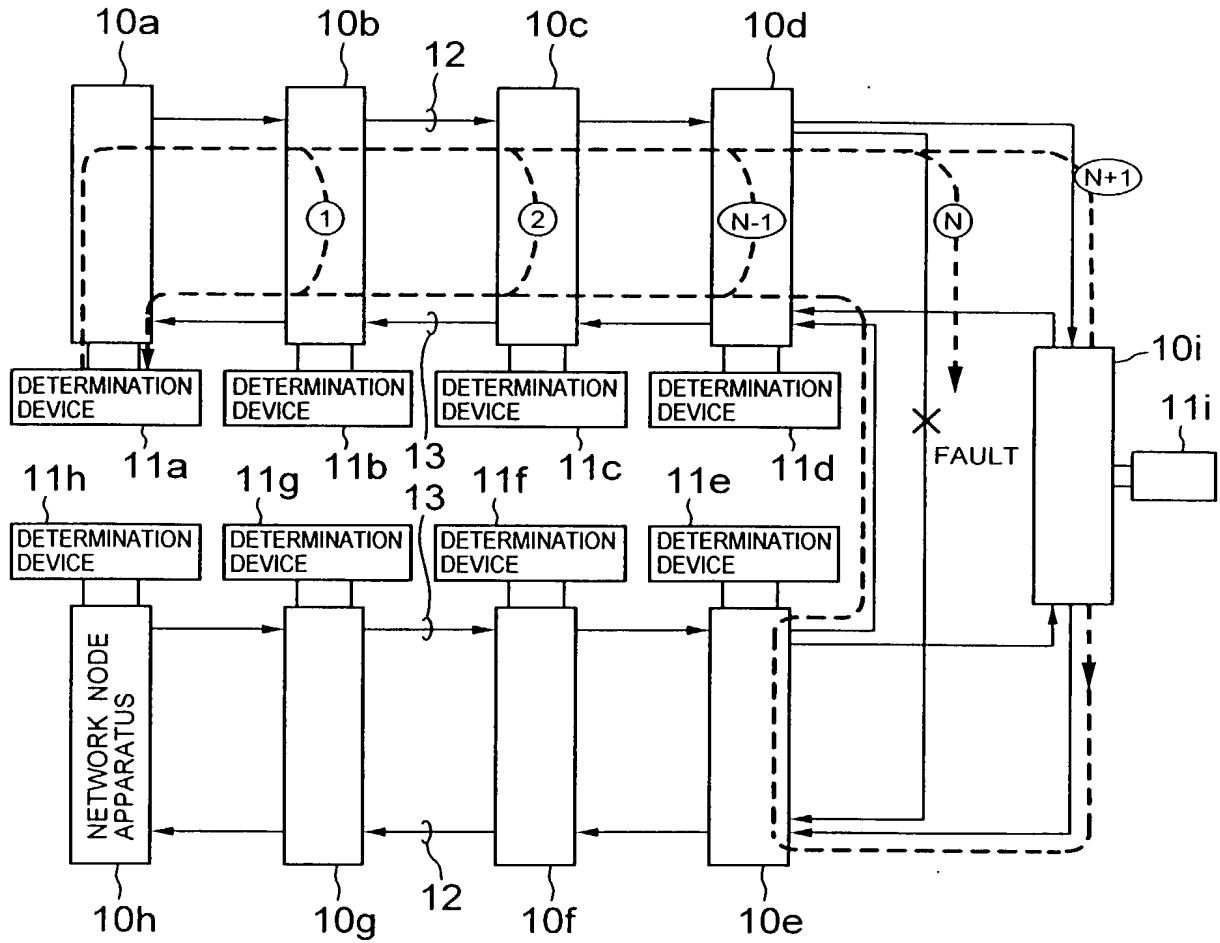
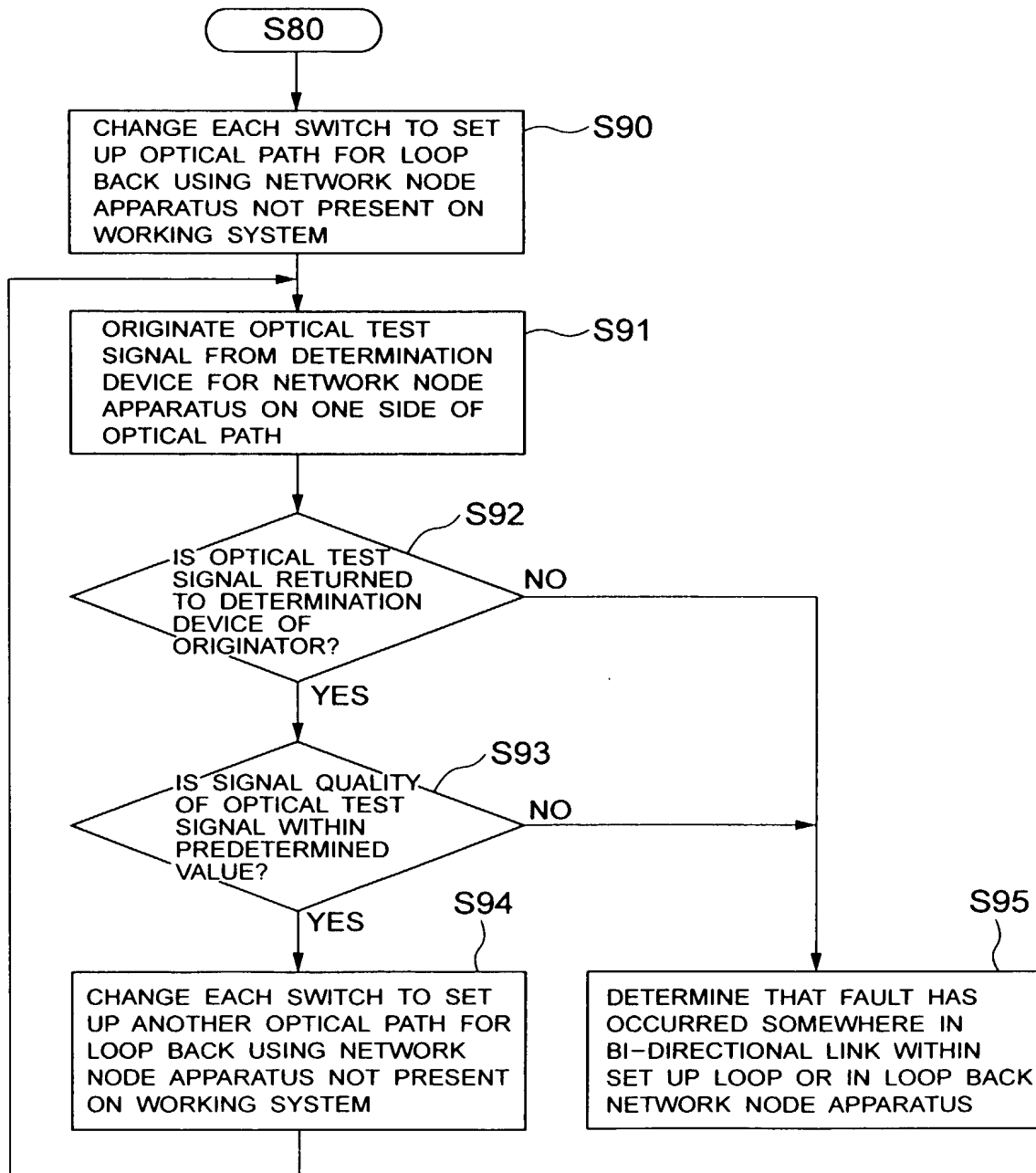


FIG. 12

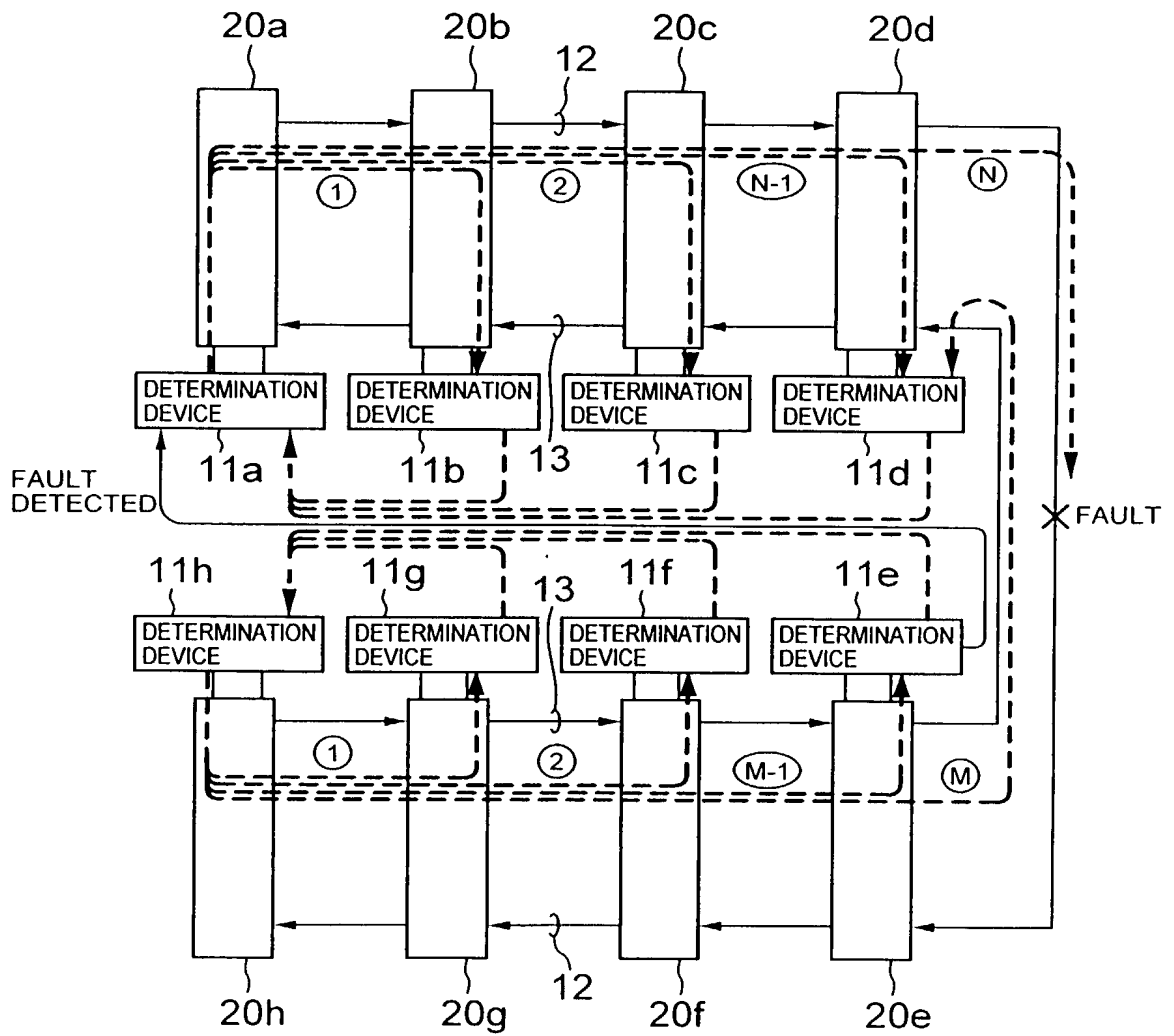
(1)	(2)	FAULT LOCATION
NO ABNORMALITY	FAULT DETECTED	LINK FROM 10D TO 10E
FAULT DETECTED	NO ABNORMALITY	LINK FROM 10E TO 10D
FAULT DETECTED	FAULT DETECTED	NETWORK NODE APPARATUS 10E

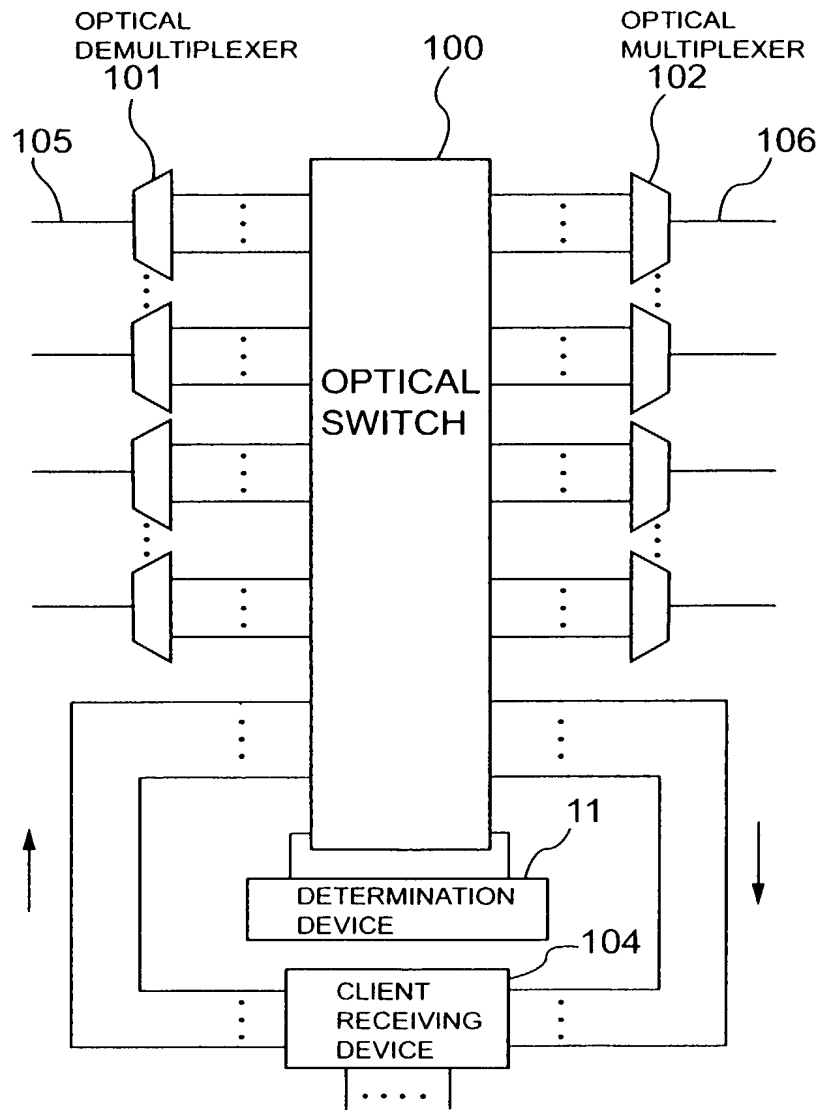
FIG.13



13/24

FIG. 14







16/24

FIG. 17

TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	FAULT LOCATION
N TIMES	NO ABNORMALITY	LINK FROM 20D TO 20E
NO ABNORMALITY	M TIMES	LINK FROM 20E TO 20D
N TIMES	M-1 TIMES	NETWORK NODE APPARATUS 20E
N-1 TIMES	M TIMES	NETWORK NODE APPARATUS 20D



FIG. 18

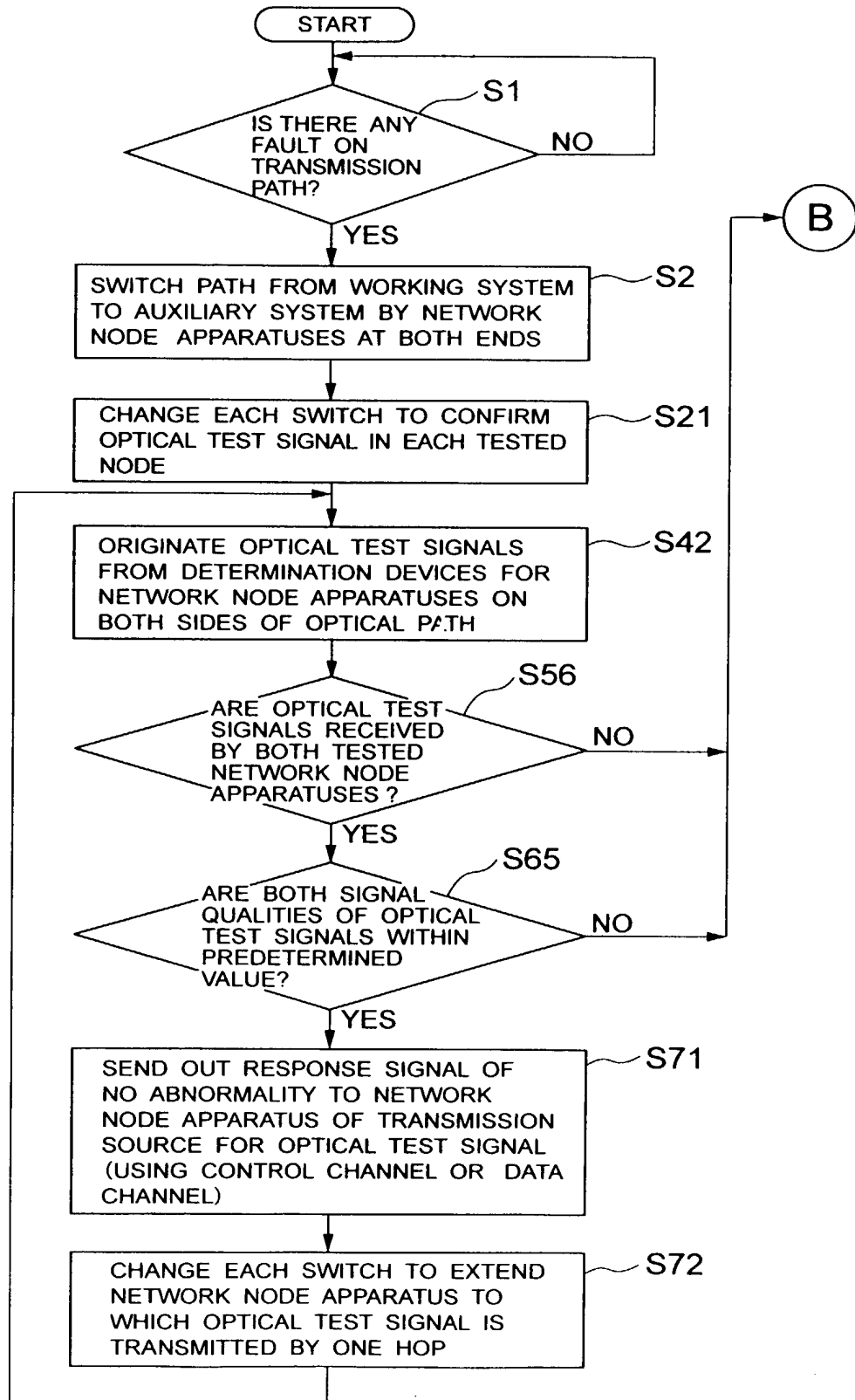
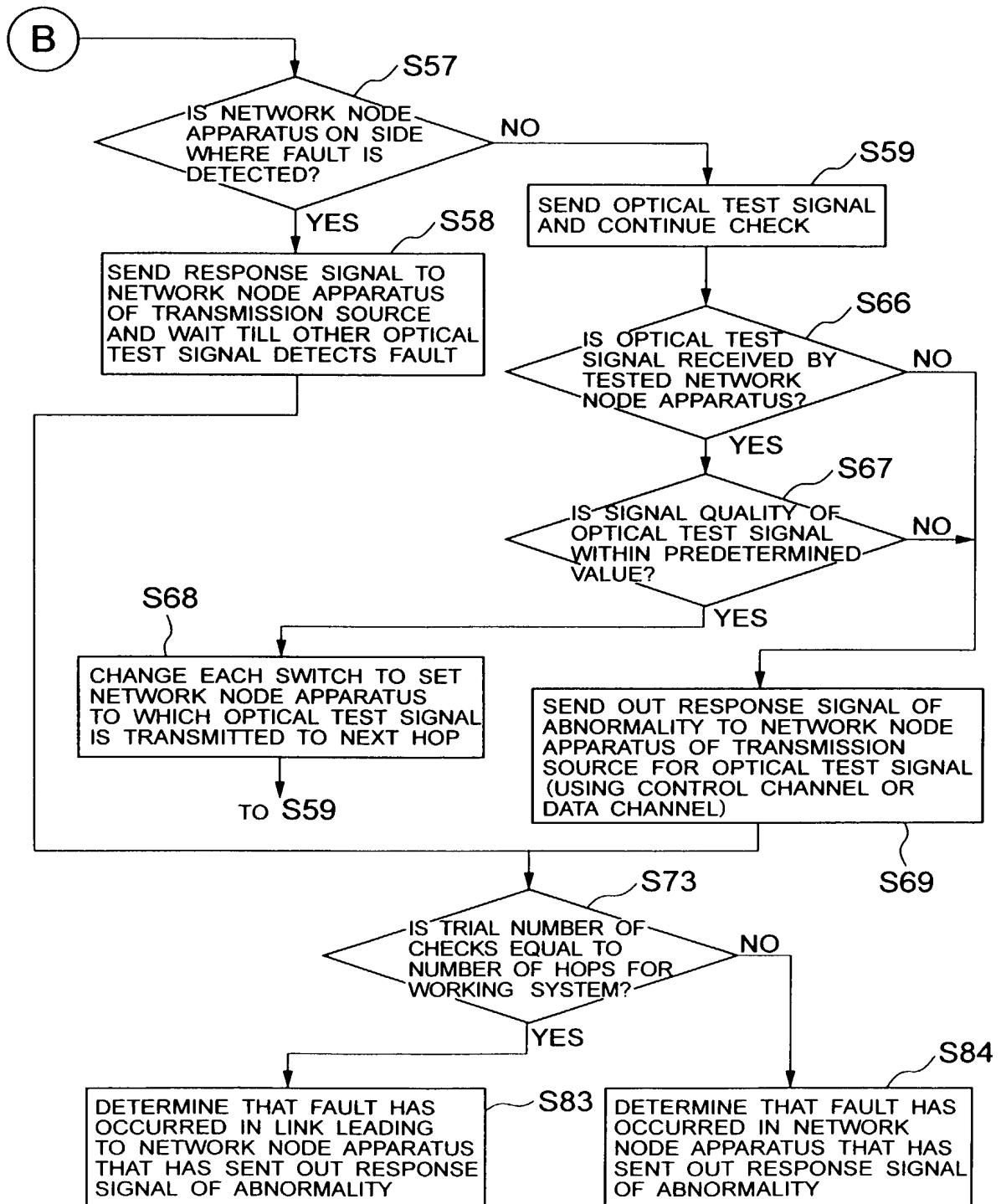


FIG. 19



19/24

FIG. 20

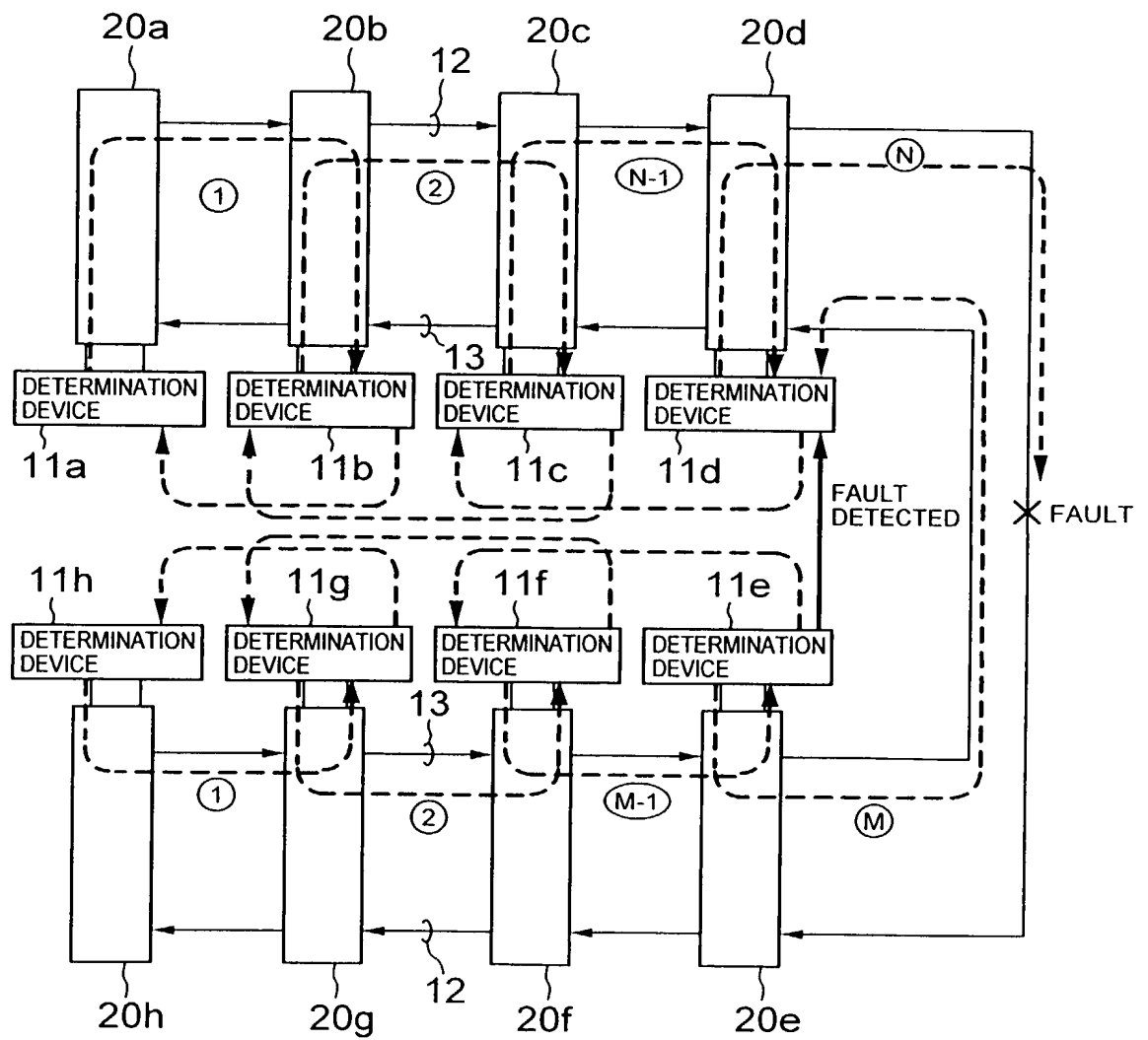


FIG. 21

TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	FAULT LOCATION
N TIMES	NO ABNORMALITY	LINK FROM 20D TO 20E
NO ABNORMALITY	M TIMES	LINK FROM 20E TO 20D
N TIMES	M-1 TIMES	NETWORK NODE APPARATUS 20E
N-1 TIMES	M TIMES	NETWORK NODE APPARATUS 20D

FIG. 22

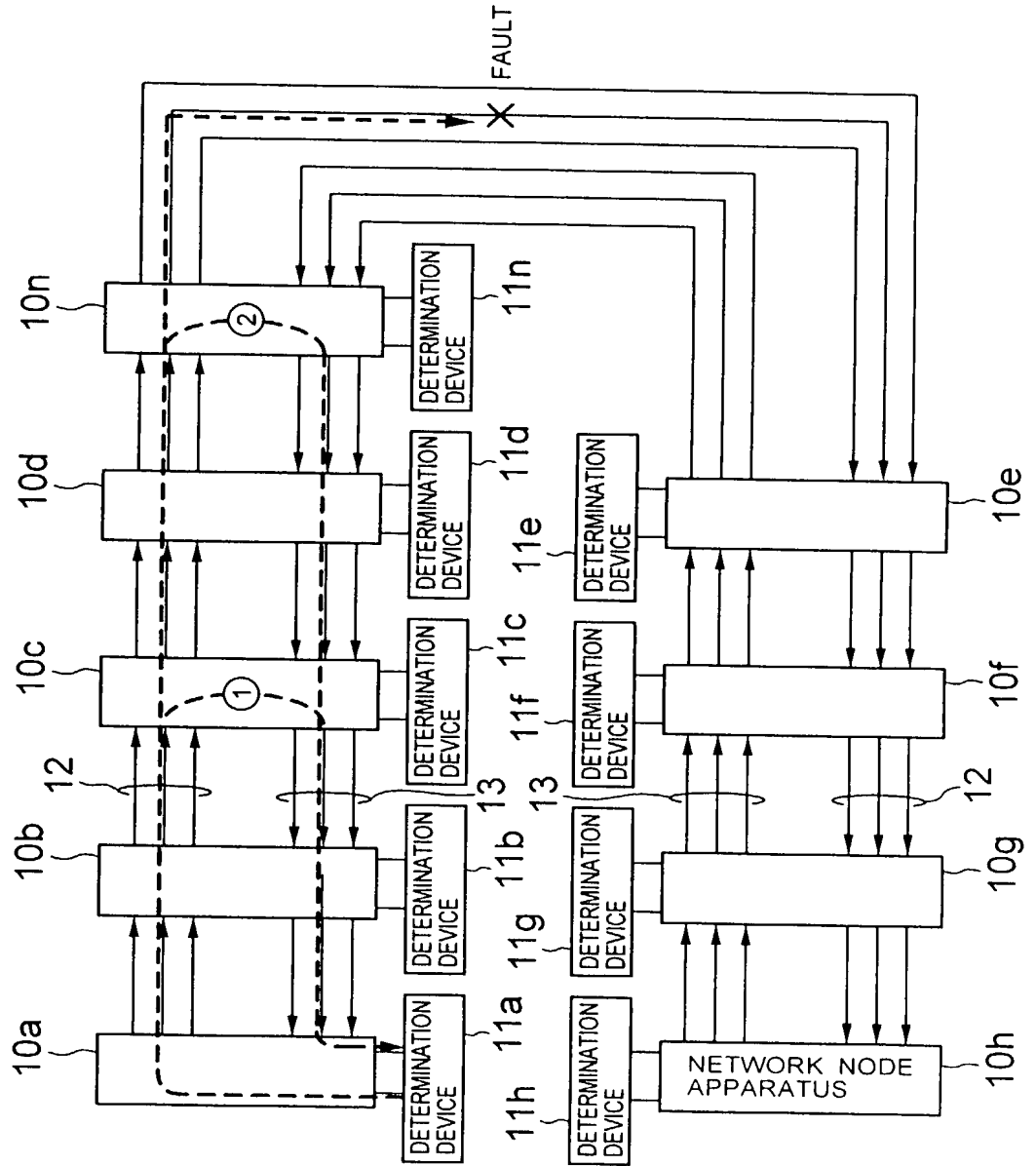


FIG. 23

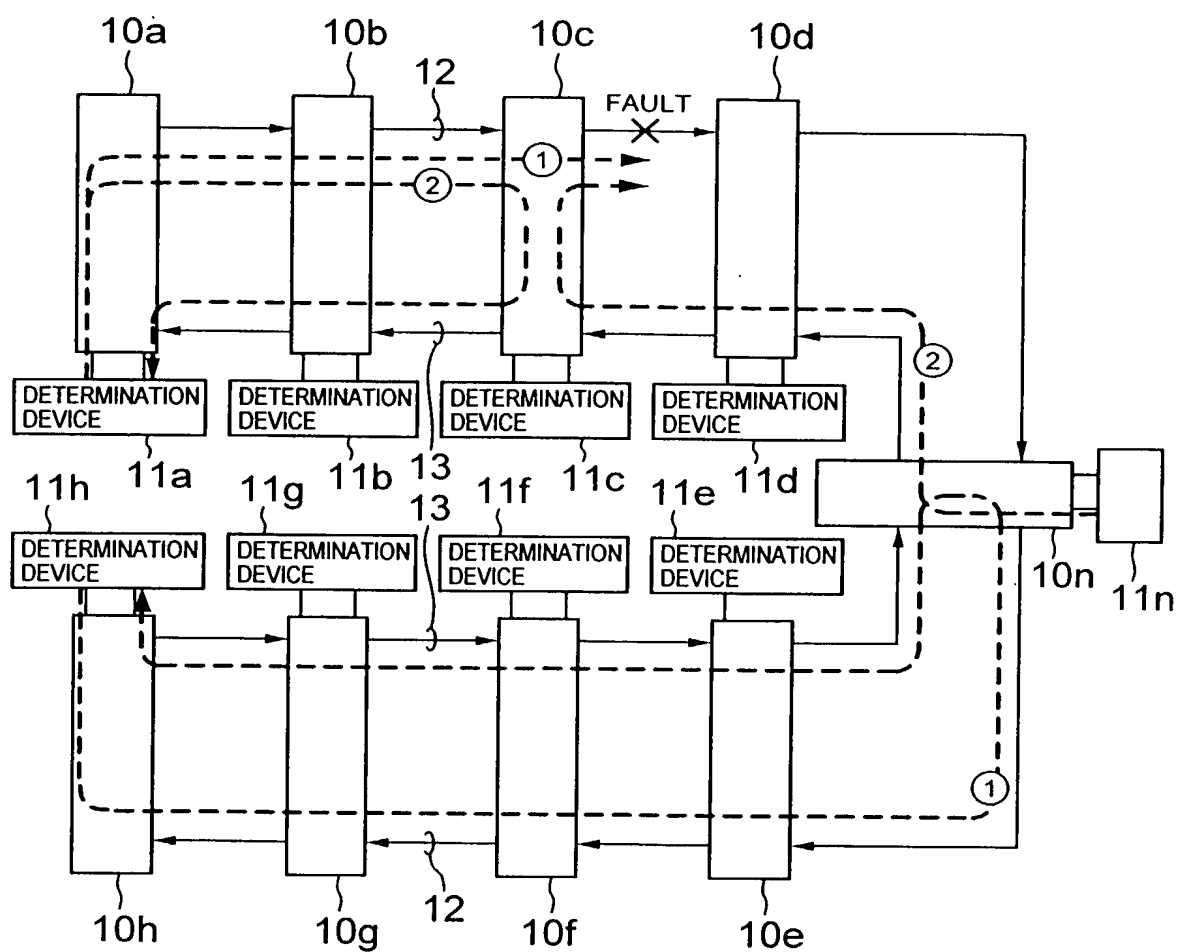
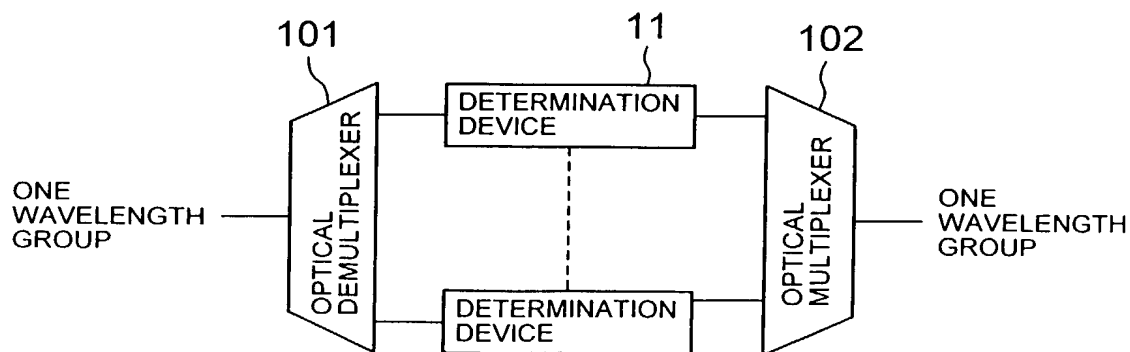


FIG. 24



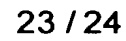


FIG. 27

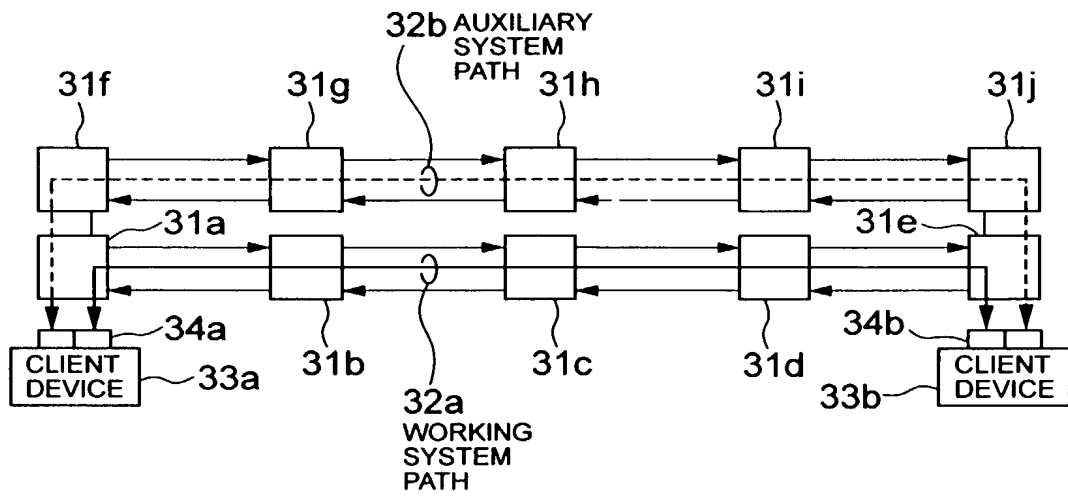


FIG. 28

